



# Wyoming Crop Weather



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Released: Monday, June 27, 2011

## Week of June 20 – 26, 2011

**AGRICULTURAL SUMMARY:** Despite cooler than normal temps, several counties reported good pasture and hay growth. Converse County remains hopeful for summer growing conditions this coming week, as haying progress has been very slow due to light, evening showers. Albany County also reported improved growing temperatures, also progressing snowmelt in the higher elevations of the county. Flooding continues in Carbon and Uinta counties, now affecting historic Fort Bridger. The Bear River, Smith's Fork, Black's Fork and Muddy Creek are all above normal flows, affecting some agricultural ground. The full extent of any damage will remain unknown until the waters recede. As of June 27th, the NRCS SNOTEL site showed a snow water equivalent statewide average of 1527 percent, well above the average of 121 percent this time last year. The current drainage basin averages range from 335 percent in the Lower North Platte to 6771 percent of average in the Upper Green River Basin. High temps ranged from the lower 70s to the lower 90s. Lows ranged from 30 degrees to the upper 40s.

### SOIL MOISTURE SUPPLIES

	This Week	Last Week	Last Year	5-Yr Avg
<b>Topsoil</b>				
Very Short	1	2	0	6
Short	14	12	9	26
Adequate	67	66	75	63
Surplus	18	20	16	5

	This Week	As of 6/13	Last Year	5-Yr Avg
<b>Subsoil</b>				
Very Short	5	5	0	13
Short	13	12	10	26
Adequate	75	74	81	59
Surplus	7	9	9	2

**FIELD CROP REPORT:** Days suitable for field work were 5.9. Topsoil moisture, rated adequate or better, was down slightly compared to last week's estimate but remains well above the 5-year average. Similarly, subsoil moisture rated adequate or better, was down from the last report two weeks ago but is 21 points above average. The progress of all crops, except for winter wheat turning color, continues to lag behind both this time last year and the 5-year average. Average corn height is estimated at 50 percent the height it was this time last year. Of the crop conditions reported last week, the percent of winter wheat, corn and alfalfa rated good or better went unchanged. The percent of oats and other hay rated good or better was up compared to last week, while sugarbeets was down 4 points. Crop insect infestation remains minimal with 65 percent reporting none, 34 percent reported as light and 1 percent reported as moderate.

### CROP CONDITION

Item	Very Poor	Poor	Fair	Good	Excel
Barley	0	2	26	70	2
Oats	0	0	19	80	1
Winter Wheat	0	0	37	62	1
Corn	0	0	21	78	1
Sugarbeets	0	2	41	54	3
Alfalfa Hay	0	2	20	71	7
Other Hay	0	7	16	74	3

### CROP INSECT INFESTATION

	This Week	As of 6/13	As of 5/31	As of 5/16
None	65	65	79	83
Light	34	34	19	15
Moderate	1	1	2	2
Severe	0	0	0	0

### CROP PROGRESS TABLE

Item	This Week	Last Week	Last Year	5-Yr Avg
Barley Emerged	93	91	98	99
Barley Jointed	61	40	80	84
Barley Boot	36	12	47	55
Barley Headed	21	0	29	34
Oats Emerged	74	64	95	97
Oats Jointed	42	29	74	74
Oats Boot	14	11	37	45
Winter Wheat Boot	95	91	98	97
Winter Wheat Headed	73	53	90	91
Winter Wheat Turn Clr	2	0	0	27
Spring Wheat Emerged	60	52	100	95
Spring Wheat Jointed	39	25	94	82
Spring Wheat Boot	6	1	47	49
Dry Beans Planted	79	61	96	98
Dry Beans Emerged	43	22	74	80
Sugarbeets Emerged	95	71	96	98
Corn Planted	97	94	100	100
Corn Emerged	91	81	99	97
Corn Avg Height	6	4	12	14
Alfalfa Harvested	22	11	24	39
Other Hay Harvested	5	2	8	10

**LIVESTOCK, PASTURE AND RANGE REPORT:** Range flock lambing is all but complete with 96 percent of the lambs on the ground. Lamb losses remain positive with 35 percent estimated as light, 60 percent as normal and 5 percent as heavy. Livestock moved to summer pasture continues to lag behind due to cooler than normal temperatures and slow grass growth, yet sheep moved to summer pasture is now estimated at 79 percent. Range and pasture conditions remain above the 5-year average but the percentage rated good or better was down slightly from last week. The majority of stock water supply estimates remain as adequate or surplus, 13 points above the 5-year average.

### RANGE AND PASTURE CONDITION

	This Week	Last Week	Last Year	5-Yr Avg
Very Poor	0	0	0	4
Poor	4	4	1	9
Fair	16	15	11	26
Good	68	70	71	49
Excellent	12	11	17	12

### STOCK WATER SUPPLIES

	This Week	As of 6/13	Last Year	5-Yr Avg
Very Short	0	4	0	4
Short	5	1	2	14
Adequate	88	86	89	78
Surplus	7	9	9	4

**WEATHER SUMMARY:** Weekly air temperatures again averaged below normal at 29 of the 33 reporting stations. Temperature averages ranged from 6 degrees below normal at Newcastle to 3 degrees above normal at Buford and Thayne. The high temperature for the state was 91 degrees at Torrington, while a state low of 30 degrees was recorded at Lake Yellowstone. Cheyenne received the most precipitation for the week with 1.40 inches, 0.91 inches above normal for the reference week and raising the cumulative precipitation since January 1, 2011 to 0.53 inches above normal. Big Horn remains the dampest spot in the state with the most cumulative precipitation above normal since January 1 while Rawlins continues to be the furthest behind having received only 3.93 inches since January 1. Eleven stations recorded below normal precipitation for the week and five stations are currently below normal for cumulative precipitation since January 1, 2011.

Weather Data for the Week Ending June 26, 2011 <sup>1/</sup>

	Weekly Air Temperature				Weekly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
<b>District 1</b>									
Cody	88	45	61	-4	0.37	0.35	0.02	10.12	4.40
Dubois	78	34	54	-4	0.73	0.26	0.47	10.19	5.40
Greybull	90	49	67	-1	0.35	0.22	0.13	6.58	2.30
Jeffrey City	83	36	57	-5	0.40	0.21	0.19	6.14	-0.12
Lake Yellowstone	71	30	48	-2	0.01	0.49	-0.48	17.74	7.25
Lander	84	46	64	-3	0.28	0.21	0.07	10.89	3.11
Powell	85	46	61	-5	0.20	0.28	-0.08	5.74	2.05
Riverton	84	46	64	-1	0.13	0.17	-0.04	7.26	2.93
Worland	88	49	66	-4	0.07	0.21	-0.14	7.61	3.23
<b>District 2</b>									
Big Horn	85	47	62	-3	0.64	0.42	0.22	16.84	8.51
Buffalo-Johnson	85	47	62	-5	0.03	0.47	-0.44	11.05	3.55
Gillette	83	45	62	-5	0.03	0.50	-0.47	13.34	4.00
Midwest	86	41	62	-5	0.49	0.42	0.07	10.29	2.20
Newcastle	82	45	63	-6	0.76	0.56	0.20	14.46	6.39
Sheridan	86	44	63	-3	0.32	0.54	-0.22	11.73	3.52
Sundance	81	46	63	-2	0.73	0.70	0.03	13.62	3.52
<b>District 3</b>									
Big Piney	78	33	57	-1	0.15	0.14	0.01	3.18	-0.34
Evanston	80	41	58	1	0.11	0.21	-0.10	5.72	0.09
Jackson Hole	75	39	56	0	0.23	0.35	-0.12	11.13	-0.14
Thayne	81	40	59	3	0.13	0.30	-0.17	11.39	2.10
<b>District 4</b>									
Casper	86	44	62	-4	1.13	0.28	0.85	8.13	0.84
Laramie	80	38	58	-2	0.38	0.28	0.10	4.43	-1.06
Rawlins	86	37	60	-4	0.41	0.21	0.20	3.93	-1.16
Rock Springs	85	42	62	-1	0.46	0.14	0.32	5.02	0.14
Shirley Basin	77	33	53	-4	0.98	0.35	0.63	9.82	4.79
<b>District 5</b>									
Buford	81	42	58	3	0.44	0.40	0.04	9.40	2.04
Cheyenne	81	42	61	-3	1.40	0.49	0.91	8.34	0.53
Chugwater	84	43	62	-2	0.66	0.42	0.24	11.26	2.75
Douglas	85	46	64	-3	1.01	0.28	0.73	8.30	1.35
Lance Creek	87	45	64	-4	0.72	0.49	0.23	8.99	1.73
Old Fort Laramie	87	46	63	-5	0.45	0.50	-0.05	11.64	4.35
Torrington	91	48	66	-3	0.61	0.47	0.14	11.30	3.82
Wheatland	86	45	65	-4	0.45	0.42	0.03	11.89	5.06

1/ Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955